

F. No. 33-76/2017-MIDH (AAP)
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation & Farmers Welfare
(Horticulture Division)

Room No.- 434
Krishi Bhawan, New Delhi
Dated: 25th January, 2018

To

Deputy Secretary (Agriculture)
Department of Agriculture, Zonal Agriculture Office
Fort Area, Moti Daman
Daman & Diu, Daman - 396210

Subject: Implementation of National Horticulture Mission (NHM) under Mission for Integrated Development of Horticulture (MIDH) programme- Approval of Annual Action Plan (AAP) 2017-18-regarding.

Sir,

I am directed to convey approval for implementation of National Horticulture Mission (NHM) programme under MIDH in the State of **Daman & Diu** during 2017-18 with total outlay of **Rs. 150.46 lakhs** (100% Gol share).

2. The component wise details of Annual Action Plan, 2017-18 indicating physical targets and financial outlay are enclosed. Details are also available on NHM website. The approval is subject to the following terms and conditions:-

- I. The State Horticulture Mission (SHM) may start implementation of the programme for activities other than project-based and submit the proposals for project based activities for approval of Empowered Committee of MIDH. For the project based activities, for which powers have been delegated to State Level Executive Committee (SLEC), the minutes of SLEC meeting wherein projects are approved may be furnished to this Department along with details of beneficiaries, location, bank loan, etc. to facilitate release of funds.
- II. Expenditure on approved activities shall be in conformity with the norms laid down in the operational guidelines of the scheme.
- III. SHM should make advance arrangement for procurement of planting material from accredited nurseries/certified planting material/certified seeds for ensuing season. SHM should have a mechanism in place for the proper certification and distribution of planting material/seeds. Sourcing of planting material/seeds from ICAR institutes, SAUs, KVKs and Government Department is to be given priority over other sources. **Area Expansion shall be restricted to availability of planting material from accredited nurseries/certified Planting Material.** In case of Truthfully Labelled (TL) seeds, it should be procured only from public sector agencies. Merely procurement of the planting material/seed through the public sector agencies like Seed Corporation, Agro Corporation and other agencies do not ensure the quality of planting material/seed as they do not produce the same. SHM should ensure that these public sector agencies procure certified material and in case certified material is not available, seedlings/ TL seeds are to be procured only from ICAR institutes, SAUs, KVKs and Government Departments.
- IV. More focus is to be given on enhancing productivity of horticulture crops for the holistic development supported with infrastructure for Pre- and Post- Harvest Management and Marketing.

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- V. To improve the productivity of existing old and senile orchards, there is need to identify gaps and revise the existing strategy for achieving the desired results. A proper mechanism needs to be devised to disseminate technology and train farmers on rejuvenation technology. Exposure visit of farmers should be organized to those institutes/places where rejuvenation technology has been developed and also adopted by the farmers. Chief Consultants under NHM will visit the State and discuss this matter with the SHM.
- VI. The programme for protected cultivation and lining of Community tanks/ponds should be taken up in close coordination with the Precision Farming Development Centre (PFDC) in the State.
- VII. Protected Cultivation of vegetables should be promoted under NHM in clusters around major cities/metros. These clusters may be provided with other infrastructural facilities like pre-cooling units, cold storages, reefer vans, vending carts etc. and marketing arrangements may be tied up by linking with cooperatives/private retail chains like SAFAL, farmer markets.
- VIII. Organic farming should be linked to certification. No separate funds will be provided for adoption of organic farming alone. Arrangements should also be made by the SHM or concerned agency for the marketing of organic produce. Selection of Service Provider Agencies is to be done by adoption of competitive bidding.
- IX. IPM measures should be need based and are to be taken after clearly identifying the problem of pests/disease in the clusters. INM measures are to be adopted in the clusters to correct soil deficiency and reduce excessive dependence on chemical fertilizers.
- X. The creation of water harvesting structure should be implemented in conjunction with Mahatma Gandhi National Rural Employment Guarantee Scheme (MNREGA) wherever feasible and should be compulsorily linked with the new area expansion and micro-irrigation programmes.
- XI. For implementation of horticulture mechanization, PHM, marketing and mobile/primary processing activities, SHM should make efforts to organize self-help groups, farmers' interest groups, growers association at local level and also involve Panchayats, Cooperatives, Producers Company etc. In this regard, SHM is to play pro-active role and should appoint one senior level officer as nodal officer and make him responsible for these components.
- XII. Efforts should also be made for the buyback arrangements of the horticulture produce.
- XIII. SHM should involve State Agricultural University and ICAR Institutes in the State for the extension activities under NHM.
- XIV. SHM shall document the Annual Report and success stories and furnish them to DAC&FW.
- XV. The SHM should also conduct Impact Evaluation Study through independent organization of repute in the State.
- XVI. While implementing the NHM programme, convergence and synergy should be ensured with the other schemes like Micro Irrigation, RKVY, PKVY, MNREGS, National Mission on Medicinal Plants, AEZs of APEDA, Tribal Sub Plan, Mega Food Parks of Ministry of Food Processing Industries, Watershed Development Programmes, BRGF and Schemes of the State Government.
- XVII. According to the provisions of the Fiscal Responsibilities and Budget Management (FRBM) Act, 2003 and Rules thereof, regular feedback from the implementing agencies on the physical and financial progress of the activities is necessary for periodical review.
- XVIII. The monthly physical and financial progress may be posted on the website www.nhm.nic.in by the 5th of every month and certified hard copy be furnished to this Department by the 10th of every month following the month under report.. Status of project based proposals need also to be uploaded on NHM website.

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XX. It may be noted that the release of funds would be subject to the furnishing of requisite information as mentioned above. In addition to that, a mid-term review would be undertaken at appropriate time.

Encl: as above

Yours faithfully,



(M.K. Mishra)

Under Secretary (MIDH)

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Annual Action Plan of Daman and Diu, 2017-18

Action Plan 2017-18

S. No	Activity	Maximum permissible cost	Pattern of Assistance	AAP 2017-18		Spill Over		Remarks
				Phy Target	Fin. Outlay	Phy Target	Fin. Outlay	
1	2	3	4	5	6	7	8	
2	Establishment of new gardens / Area Expansion							
	Fruit crops other than cost intensive crops using normal spacing (For a maximum area of 4 ha per beneficiary)							
	Fruits - Perennials							
	(a) Cost intensive crops							
	iii) Banana (sucker)							
	a) Integrated package with drip irrigation.	Rs. 2.00 lakh/ha	Maximum of Rs. 0.80 lakh/ha (40% of the cost) for meeting expenditure on planting material, drip irrigation and cost of material for INM/IPM, in 2 installments. (75:25).	2.6	1.56		0.00	
	b) Without integration	Rs. 87,500/ha	Maximum of Rs. 0.35 lakh/ha (40% of cost) for meeting the expenditure on planting material and cost of INM/IPM in 2 installments (75:25). For (a) and (b) above, in the case of TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost in 2 installments.	2.5	0.66		0.00	
	Sub total							
	Maintenance without integration							
	1st Year			5	2.22	0	0.00	
	Sub total maintenance							
	v) Banana (TC)							
	a) Integrated package with drip irrigation.	Rs. 3.00 lakh/ha	Maximum of Rs. 1.20 lakh/ha (40% of cost) for meeting the expenditure on planting material and cost of material for drip system, INM/IPM etc., in 2 installments. (75:25).	5.5	4.95		0.00	
	b) Without integration	Rs. 1.25 lakh/ha.	Max. of Rs. 0.50 lakh per ha, (40% of cost) for meeting the expenditure on planting material and cost of INM/IPM in 2 installments (75:25). For (a) and (b) above, in the case of TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost in 2 installments (75:25).	5	1.88		0.00	

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	Sub total			10.5	6.83	0	0.00	
	Maintenance without Integration							
	1st Year				0.00		0.00	
	Sub total maintenance			0.00	0.00		0.00	
	vii) Papaya							
	a) Integrated package with drip irrigation.	Rs. 2.00 lakh/ha.	Maximum of Rs. 0.80 lakh/ha (40% of the cost) for meeting expenditure on planting material, drip irrigation and cost of material for INM/IPM, in 2 installments (75:25).	2.5	1.50		0.00	
	b) Without integration	Rs. 60,000/ha	Maximum of Rs. 0.30 lakh/ha (50 % of cost) for meeting the expenditure on planting material and cost of INM/IPM in 2 installments (75:25).	1.5	0.34		0.00	(1.8m x 1.8m)
	Sub total		For (a) and (b) above, in the case of NE and Himalayan States, TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost in 2 installments (75:25).	4	1.84	0	0.00	
	Maintenance without Integration							
	1st Year				0.00		0.00	
	Sub total maintenance			0	0.00	0	0.00	
	ix) High density planting (mango, guava, litchi, pomegranate, apple, citrus etc).							
	a) Integrated package with drip irrigation	Rs. 1.50 lakh /ha	Maximum of Rs. 0.60 lakh per ha. (40% of cost) for meeting the expenditure on planting material, cost of drip system, INM/IPM, canopy management etc., in 3 installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3rd year).	7	2.52		0.00	
	b) Without Integration.	Rs. 1.00 lakh/ha.	Maximum of Rs. 0.40 lakh/ha (40% of the cost) for meeting the expenditure on planting material and cost of INM/IPM in 3 installments (60:20:20). For (a) and (b) above, in the case of TSP areas, Andaman & Nicobar and Lakshadweep Islands, assistance will be @ 50% of cost in 3 installments of 60:20:20 subject to survival rate of 75% in 2nd year and 90% in 3rd year)	6.0	1.44		0.00	
	Sub total			13	3.96	0	0.00	

Subtotal 291

(b) Fruit crops other than cost intensive crops using normal spacing						
a) Integrated package with drip irrigation	Rs. 1.00 lakh/ha	Maximum of Rs. 0.40 lakh/ha. (40% of cost) for meeting the expenditure on planting material, cost of drip system, INM/IPM, canopy management etc in 3 installments of 60:20:20 subject to survival rate of 75% in 2nd year & 90% in 3rd year for perennial crops and for non perennial crops in 2 installments of 75:25.	0.60	0.14		0.00
	Rs. 60,000/ha	Maximum of Rs. 0.30 lakh/ha (50 % of cost) for meeting the expenditure on planting material and cost of INM/IPM in 3 installments of 60:20:20.	0.60	0.11		0.00
Sub total			1.2	0.25	0	0.00
Vegetable (For maximum area of 2 ha per beneficiary)						
Hybrid	Rs.50,000/ ha	40% of cost in general areas	10	2.00		0.00
Sub-total			10.00	2.00	0	0.00
3 Flowers (For a maximum of 2 ha per beneficiary)						
Cut flowers						
Small & Marginal Farmers	Rs. 1.00 lakh/ha	40% of cost	1.0	0.40		0.00
Other farmers	do	25% of the cost	1.0	0.25		0.00
Loose Flowers						
Small & Marginal Farmers	Rs. 40,000/ha	40% of cost	1.0	0.16		0.00
Other farmers	do	25% of cost	1.0	0.10		0.00
Sub-total flowers			4.0	0.91	0.0	0.00
4 Spices (For a maximum area of 4 ha per beneficiary)						
Seed spice and Rhizomatic spices	Rs.30,000/ha	Maximum of Rs. 12,000/- per ha. (40% of cost) for meeting the expenditure on planting material and cost of material for INM/IPM etc).	15	1.80		0.00
Perennial spices (black pepper)	Rs. 50,000/ha	Maximum of Rs. 20,000/- per ha (@40% of cost) for meeting the expenditure on planting material and cost of material for INM/IPM etc. For (i) and (ii) above, in the case of TSP areas, Andaman and Lakshadweep Islands, assistance will be @ 50% of cost.	10	2.00		0.00
Sub-total spices			25	3.80	0	0.00
Grand Total Area Expansion			72.80	21.80	0.00	0.00
Grand Total Area Expansion maintenance			0.00	0.00	0.00	0.00

sub total
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5	Rejuvenation/ replacement of senile plantation including Canopy management. Mango	Rs. 40,000/ha	50% of the total cost subject to a maximum of Rs. 20,000/ha limited to two ha per beneficiary.	10.00	2.00			0.00	To be implemented as per guidelines circulated
	Sub-total			10	2.00		0	0.00	
Protected cultivation									
5									
(b) Naturally ventilated system									
	(i) Tubular structure	Rs.1060/Sq.m	50% of the cost limited to 4000 Sq.m per beneficiary.	0.20	10.60			0.00	
	ii) Wooden structure	Rs. 540/Sq. m	50% of the cost limited to 20 units (each unit not to exceed 200 Sq.m per beneficiary).	0.10	2.70			0.00	
	iii) Bamboo structure	Rs. 450/Sq. m	50% of the cost limited to 20 units (each unit should not exceed 200 Sqm per beneficiary).	0.10	2.25			0.00	
c) Plastic Mulching									
	Plastic Mulching	Rs. 32,000/ha	50% of the total cost limited to 2 ha per beneficiary.	5	0.80			0.00	
d) Shade Net House									
	i) Tubular structure	Rs. 710/Sq.m	50% of cost limited to 4000 Sq.m per beneficiary.	0.20	7.10			0.00	
	ii) Wooden structure	Rs. 492/Sq.m	50% of cost limited to 20 units (each unit not to exceed 200 Sq.m) per beneficiary.	0.10	2.46			0.00	
	iii) Bamboo structure	Rs.360/Sq.m	50% of cost limited to 20 units (each unit not to exceed 200 sq. m) per beneficiary.	0.10	1.80			0.00	
	f) Cost of planting material & cultivation of high value vegetables grown in poly house	Rs.140/Sq. m	50% of cost limited to 4000 Sq.m per beneficiary.	0.72	5.04			0.00	
	g) Cost of planting material & cultivation of Orchid & Anthurium under poly house/shade net house.	Rs. 700/Sq.m	50% of cost limited to 4000 Sq. m per beneficiary.	0.02	0.70			0.00	
	h) Cost of planting material & cultivation of Carnation & Gerbera under poly house/shade net house.	Rs. 610/Sq.m	50% of cost limited to 4000 Sq. m per beneficiary.	0.02	0.61			0.00	
	i) Cost of planting material & cultivation of Rose and lillum under poly house/shade net house	Rs. 426/Sq.m	50% of cost limited to 4000 Sq. m per beneficiary.	0.04	0.85			0.00	
Sub-total protected cultivation									
				6.60	34.91		0.00	0.00	
6 Promotion of Integrated Nutrient Management(INM)/ Integrated Pest									
	Promotion of IPM	Rs. 4000/ha	30% of cost subject to a maximum of Rs 1200/ha limited to 4.00 ha/ beneficiary.	10	0.12			0.00	To be need based and taken up after identifying problem of pest/ disease and nutrient deficiency.

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	Promotion of INM	Rs. 4000/ha	30% of cost subject to a maximum of Rs 1200/ha limited to 4.00 ha/ beneficiary.	50	0.60		0.00	do
	Sub-total INM / IPM			60	0.72	0	0.00	
7	Adoption Organic Farming							
	iii) Vermi compost Units /organic input production unit							
	i) Vermi compost Units	Rs.1,00,000/ unit for permanent structure and Rs. 16,000/unit for HDPE Vermibed.	50% of cost conforming to the size of the unit of 30'x8'x2.5' dimension of permanent structure to be administered on pro-rata basis. 50% of cost conforming to the size of 96 cft (12'x4'x2') and IS 15907:2010 to be administered on pro-rata basis.	11	5.50		0.00	Designs para meter of HDPE beds will conformer to BIS standards (IS 15907:2010)
	ii) Vermibeds	do	do	100	8.00		0.00	
	Sub-total			111.00	13.50	0.00	0.00	
8	Pollination support through beekeeping							
	Production of nucleus stock (Public sector)	Rs. 20.00 lakh	100% of the cost.		0.00		0.00	
	Production of bee colonies by bee breeder	Rs. 10.00 lakh	40% of cost for producing min. of 2000 colonies / year	1	4.00		0.00	
	Honey bee colony	Rs.2000/colony of 8 frames	40% of cost limited to 50 colonies / beneficiary.	200	1.60		0.00	
	Hives	Rs 2000/ per hive.	40% of cost limited to 50 colonies / beneficiary.	200	1.60		0.00	
	Equipment including honey extractor (4 frame), food grade container (30 kg), net, etc.	Rs. 20,000/set	40% of the cost limited to one set per beneficiary.	20	1.00		0.00	
	Sub-total			421	8.20	0	0	
9	Horticulture Mechanization							
	ii) Power Tiller							
	b) Power tiller (8 BHP & above)	1.50 lakh per unit	Subject to a maximum of Rs.0.60 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.75 lakh/unit.	5	3.00		0.00	
	b) Power tiller (8 BHP & above) (SC, ST, Small & Marginal famers)	1.50 lakh per unit	Subject to a maximum of Rs.0.60 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.75 lakh/unit.	5	3.75		0.00	
	(v) PP Equipment							
	Power Knapsack sprayer/power operated Taiwan sprayer							

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	a) General	0.076 lakh per unit	Subject to a maximum of Rs.0.03 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.038 lakh/unit	5	0.15	0.00	
	b) SC/ ST etc	0.076 lakh per unit	Subject to a maximum of Rs.0.03 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.038 lakh/unit	5	0.19	0.00	
	Power Knapsack sprayer/power operated Taiwan sprayer (16 lts Capacity)						
	a) General	0.20 lakh per unit	Subject to a maximum of Rs.0.08 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.10 lakh/unit	5	0.50	0.00	
	b) SC/ ST etc	0.20 lakh per unit	Subject to a maximum of Rs.0.08 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.10 lakh/unit	5	0.40	0.00	
	Tractor Mounted /operated sprayer (Below 20HP)						
	a) General	0.20 lakh per unit	Subject to a maximum of Rs. 0.08 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.10 lakh/unit.	3	0.24	0.00	
	b) SC/ ST etc	0.20 lakh per unit	Subject to a maximum of Rs. 0.08 lakh/unit for general category farmers, and in the case if SC, ST, Small & Marginal farmers, women farmers and beneficiaries in NE states, subject of a maximum of Rs. 0.10 lakh/unit.	3	0.30	0.00	
	Sub-total			36	8.53	0	0.00
10	Human Resource Development (HRD)						
	Skill Development				0.00	0.00	

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HRD for Supervisors & Entrepreneurs	Rs. 20.00 lakh / unit	100% of the cost in first year. In subsequent years, cost of infrastructure not to be claimed.			0.00	0.00
HRD for Gardeners	Rs. 15.00 lakh / unit	100% of the cost.			0.00	0.00
Training of farmers						
Within the State	Rs. 1000/day per farmer including transport	100% of the cost.	5		5.00	
Outside the state	Project based as per actual.	100% of the cost.	5		3.00	0.00
(e) Exposure visit of farmers						
Outside the State	Project based as per actual.	100% of the cost.	2		12.00	0.00
Outside India	Rs. 4.00 lakh / participant	Project Based. 100% of air/rail travel cost.			0.00	0.00
Training / study tour of technical staff/ field functionaries						
Within the State	Rs.300/day per participant plus TA/DA, as admissible	100% of the cost.	2		1.00	0.00
Study tour to progressive States/ units (group of minimum 5 participants)	Rs.800/day per participant plus TA/DA, as admissible	100% of the cost.	2		2.00	0.00
Outside India	Rs. 6.00 lakh / participant	100% of the cost on actual basis.			0.00	0.00
Sub-total			16.00		23.00	0.00
11 INTEGRATED POST HARVEST MANAGEMENT						
Refer vans/ containers (general areas)						
b) Hilly Area	Rs. 26.00 lakh for 9 MT (NHM & HIMNEH), and prorata basis for lesser capacity, but not below 4 MT.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case of Hilly & Scheduled areas, per beneficiary.	2		26.00	0.00
13 Mission Management						
State & Districts Mission Offices and implementing agencies for administrative expenses, project, preparation, computerization, contingency etc.	5% of total annual expenditure on the basis of appraised needs to State Horticulture Mission (SHM) / implementing Agencies	100% assistance.			5.00	
Seminars, conferences, workshops, exhibitions, Kisan Mela, horticulture shows, honey festivals etc.						
State level	Rs. 3.00 lakh /event	100% assistance subject to a maximum of Rs.3.00 lakh per event of two days.	2		6.00	0.00

minutes of SLEC meeting to be submitted along with details of beneficiaries, location, etc to facilitate release of funds

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District level	Rs. 2.00 lakh /event	100% assistance subject to a maximum of Rs.2.00 lakh per event of two days.			0.00		0.00	
Information dissemination through publicity, printed literature etc. and local advertisements	Rs. 0.40 lakh/ block	100% of cost.		0.80		0.00		
Sub-total			2.00	11.80		0.00		
Grand Total			737.40	150.46	0.00	0.00		

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